

I 34931-66 FWP(t)/ETI IJP(c) JD SOURCE CODE: CZ/0034/66/000/004/0272/0274
ACC NR: AP6026632

AUTHOR: Lazansky, Josef (Engineer); Belohlavek, Otakar (Engineer)

35
R

ORG: SONP, Kladno

TITLE: Spectral determination of trace amounts of Pb, Sn, Sb, Bi, Cd, and Zn by fractional distillation in an electric arc 27

SOURCE: Hutnické listy, no. 4, 1966, 272-274

TOPIC TAGS: trace analysis, electric arc, fractional distillation, spectrum analysis

ABSTRACT: The method presented by the authors is suitable for a series of analyses of trace elements contained in various materials. The process is fast; 30 analyses can be made in 8 hours. Accuracy of the method is similar to that of the polarographic method. The analysis is based on rates of evaporation of trace elements in an arc; each element has an individual rate of evaporation. The distillation is made from a deep crater of a carbon electrode which is modified to resemble a miniature resistance furnace. Volatile elements are evaporated and deposited at the edge of the crater. The spectrum is simple and contains only lines of individual admixtures. The apparatus, its operation and calibration are described. Orig. art. has: 2 figures and 2 tables.

[JPRS: 36,646]

SUB CODE: 07, 20 / SUBM DATE: none / SOV REF: 001

Card 1/1 ULR

0916

2315

BELOHLAVEK, S.; SOUREK, J.

Effect of a bacterial suspension of *Shigella flexneri* type 2A on the formation of anti-endotoxin-like antibodies. Contribution to the study of the antigenic relations of an endotoxin complex with specific precipitation in agar. *Cesk. epidem.* 13 no.4:221-228 J1 '64.

1. Ustav ser a ockovacich latek, Praha, a Ustav epidemiologie a mikrobiologie, Praha.

BELOHONOV, I.

Country : ROMANIA

M

Category: Cultivated Plants. Fruit. Berries.

Abs Jour: RZhDiol., No 11, 1958, No 49091

Author : Belohonov, I.

Inst :

Title : Agrotechniques for Obtaining Dumper and Constant
Fruit Harvests.

Orig Pub: Gradina, via si livada, 1957, 6, No 11, 53-59

Abstract: No abstract.

Card : 1/1

IMMUNOLOGY

CZECHOSLOVAKIA

UDC

615.779.93:615.371-022.71.49)-085.52

LUKAS, Bohumir; BELOHLAVEK, Stanislav; Military Institute of Hygiene, Epidemiology, and Microbiology (Vojensky Ustav Hygieny, Epidemiologie a Mikrobiologie), Prague; Institute of Sera and Vaccines (Ustav Ser a Ockovacich Latek), Prague.

"Influence of Some Antibiotics on the Immunization Effect of the Typhus Vaccine."

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 4, Aug 66, pp 163 - 165

Abstract: In experiments on rabbits it was found that antibiotics streptomycin, tetracycline, and kanamycin administered in a daily dose of 50 mg for 14 days simultaneously with a typhoid vaccine did not interfere with the formation of serum antibodies. An inhibition effect interfering with the formation of serum antibodies was found, to a limited extent, after the administration of streptomycin polymethacrylate, and rarely after streptomycin, when its application started only after the secondary antigen impulse. The immunization effect of the typhoid vaccine in mice was not influenced by the administration of antibiotics for a two week period. 3 Tables, 19 Western, 7 Czech, 9 Russian references.

1/1

Immunology

CZECHOSLOVAKIA

CZ/0060/66/000/004/0163/0165

AUTHOR: Lukas, Bohumir (Doctor of medicine; Candidate of sciences);
Belohlavek, Stanislav (Pharmacist; Candidate of sciences)

ORG: Military Institute for Hygiene, Epidemiology, and Microbiology, Prague
(Vojensky ustav hygieny, epidemiologie a mikrobiologie); Institute for Sera and
Inoculation Materials, Prague (Ustav sera ockovacich latek)

TITLE: Influence of some antibiotics on the effectiveness of typhus vaccine

SOURCE: Vojenske zdravotnicke listy, no. 4, 1966, 163-165

TOPIC TAGS: immunology, antibiotic, vaccine, antibody

ABSTRACT: The paper reports the following findings: Streptomycin , tetracycline and kanamycin, administered in doses of 50 mg once daily for 14 days simultaneously with typhus vaccine, did not interfere with the formation of antibodies in rabbits. An inhibiting influence on the formation of antibodies was observed to a minor degree after streptomycin-polymethacrylate was administered, and in rare instances after streptomycin, which was applied only as a secondary antigen. The immunization effect of the typhus vaccine in mice was not affected by antibiotics administered for two weeks. Orig. art. has: 3 tables. [W.A.50] [KS]

1/1

BELOHOREC, Stefan

Oscillatory solutions of a nonlinear differential equation of the second order. Mat fyz cas SAV, 11 no.4:250-255 '61.

1. Katedra matematiky Stavebnej fakulty, Slovenska vysoka skola technicka, Bratislava, Gottwaldovo namesti 2.

BELOHOREC, Stefan

Nonoscillatory solutions of a certain nonlinear differential equation of the second order. Mat fys cas SAV 12 no.4:253-262 '62.

1. Katedra matematiky a deskriptivnej geometrie, Stavebni fakulta, Slovenska vysoka skola technicka, Bratislava, Gottwaldovo namesti 2.

EXCERPTA MEDICA Sec 16 Vol 7/7 Cancer July 59

2589. The value of Uffelmann's test in screening for carcinoma of the uterus. Spolahlivost' Uffelmannovho testu pri depistáži rakoviny maternice. BELOHORSKÝ B. and KLAUBER E. Gynekol. Odd. Výskumného Úst. Onkol., Bratislava *Bratisl. lek. Listy* 1958, 38 (II)/11 (661-665) Tables 2
This test (see also Stein-Werblowska, *J. Obstet. Gynaec. Brit. Emp.* 1954, 61, 686) was evaluated in 144 women in the menopause. It has no diagnostic value since it gives sometimes negative results in fully developed carcinomas, and may be positive in benign menopausal lesions.

GODAL, Anton: BELOHORSKY, Belo
~~BRATISLAVA, 1959~~

Diagnosis of Meigs' syndrome. Neoplasma, Bratisl. 6 no.1:16-20 1959.

1. Bratislava, ul. Cs. armady 17.
(OVARIES, neoplasms,
Meigs' synd., diag. (Ger))

BELCHORSKY, B.; SIRACKY, J.; SANDOR, L., KLAUBER, E.

Comments on the development of amenorrhea caused by myleran
in cases of chronic myelosis. Neoplasma, Bratisl.7 no.4:
397-403 '60.

1. Oncological Research Institute, Bratislava, Czechoslovakia.
(BUSULFAN toxicol)
(AMENORRHEA etiol)
(LEUKEMIA ther)

KNOTZ, F.; BELOHORSKY, B.; RIEDEL, J.

Recent trends in clinical anesthesiology with special regard to the needs in oncological gynecology. Bratisl. lek. listy 41 no.7:424-429 '61.

1. Z Vyskumneho ustavu onkologickeho v Bratislave, riaditel doc. MUDr. V. Thurzo.

(GENITALIA FEMALE neopl) (ANESTHESIA)

BELOHORSKY, B.; SIRACKY, J.

Cytological picture of intraoperative smears in endometrial carcinoma.
Neoplasma 9 no.5:495-499 '62.

1. Oncological Research Institute, Bratislava, CSSR.
(ADENOCARCINOMA) (UTERUS NEOPLASMS)

BELOHORSKY, B.; KLAUBER, E.

Importance of fractionated curettage in the diagnosis of carcinoma of the corpus and endocervix of the uterus. Cesk. gyn. 28 no.5:328-331. Je '63.

1. Vyskumny ustav onkologicky v Bratislave, riaditel' doc. dr. V. Thurzo.

(UTERINE NEOPLASMS) (CERVIX NEOPLASMS)
(NEOPLASM DIAGNOSIS) (HYSTERECTOMY)
(NEOPLASM RADIOTHERAPY)

BRACHORNY, B.; KREMBEL, ...

The problem of the estimation of the radioactivity and therapy of local recurrences in cancer of the uterine body. Neoplasma (bratisl.) 12 no.12:5-50 - 1965

1. Theological Research Institute, Bratislava, Czechoslovakia.

BELOHORSKY, B.

Some remarks to the cytodiagnostics of the cancer of the uterine body. Neoplasma (Bratisl.) 12 no.1:57-59 '65

1. Oncological Research Institute, Bratislava, Czechoslovakia.

BELOHORSKY, B.; SIRACKY, J.

The problem of clinical interpretation of histological findings
in Ca corporis uteri following the radiation. Neoplasma (Bratisl.)
12 no.1:51-56 '65

1. Oncological Research Institute, Bratislava, Czechoslovakia.

BELOHORSZKY, Lajos; NAGY, Arpad

Aesthetics at factories. Villamosag 10 no.8:242-243 Ag '62.

CZECH

✓ The evaluation of Czechoslovakian and imported dog
bristles. František Bělehrádký and Miroslav Kulhánek
(Leather & Allied Products Research Inst., Gottwaldov,
Czech.). *Režim* 4, 83-4(1954).—Sixteen samples of
bristles were compared. The gloss, mean diam., tensile
strength, CCl₄ ext., H₂O content, ash, elasticity, and felting
ability were tested. Czechoslovakian bristles compare
favorably in quality, but are generally too short. The
required length of 55-60 mm. can be attained by only a
small percentage of the Czechoslovakian production. Ten-
sile strength in g. for 1 bristle is 23.4-40.5 kg./sq. mm.,
thickness 0.122-0.160 mm., length 55-60 mm., CCl₄ ext.
0.491-12.92, H₂O 7.33-12.16, ash 0.47-3.67%. L. M.

CZECH

Alkanesulfonyl chlorides—a new tanning material.
Zdeněk Kotáček, František Nělečanský, and Miroslav
Kulhánek (Leather & Allied Trade Research Inst., Gott-
waldov, Czech.). *Kožedělní* 6, 150-8, 170-9(1951).—A
review of the production and properties of alkanesulfonyl
chlorides. 04 references. L. Masner

Belohradsky F.

7

CZECH

A simple automatic fraction collector. Z. Kotásek, F. Belohradský, K. Motyčka, and T. Váňha (Výzkumný ústav biologie, Olomoucko, Czech.). Chem. Listy 40, 1087-88 (1986).—An automatic fraction collector has been designed for chromatography which permits collection of 1-76 fractions of the vol. 10-250 ml. with an accuracy within $\pm 1\%$. The automatization is based on vol. fractionation but can easily be changed to time fractionation which proved to be more suitable with small vol. (1-10 ml.).

M. Hudlický

CH
3

AP 13

CZECHOSLOVAKIA / Chemical Technology. Leather. Fur. H-35
Gelatine. Tanning Agents. Industrial
Proteins.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 80015.

Author : Belohradsky, F., Kotasek, Z., Kulhanek, M.
Inst : ~~Not given.~~
Title : The Preparation of Alkyl Sulfochlorides and Their
Practical Application as Tanning Agents.

Orig Pub: Veda a vyzk. v. prumyslu kozedeln., 1956, 1,
103-112.

Abstract: The possibility of developing alkyl sulfochlor-
ides suitable for tanning was studied. Although
the alkyl sulfochlorides prepared from hydrocar-
bons C₁₄-C₁₆, which were obtained in the course
of fractional distillation of petroleum, do pos-
ess tanning properties, they nevertheless have

Card 1/2

116

BELOHRADSKV, F.

"Modified casein."

KOZARSTVI, Praha, Czechoslovakia, Vol. 8, No. 12, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

BELOHRADSKY, Frantisek; ECKMAYER, Zdenek; HALAMEK, Cyril

Soluble collagens. Kozarstvi 13 no.4:108-110 Ap '63.

1. Vyzkumny ustav kozedelny, Gottwaldov.

BELOHRADSKY, J. - Mechanisace, Vol.3, No. 2, Feb.1954

New type of crane for the construction of prefabricated houses. p48

SO: Monthly List of East European Accessions, (FEAL), LC, Vol.4, No.9, Sept 1955 Uncl.

De laquib...

HOENIG, V.; BELOHRADSKY, K.; MICHALEC, C.; JANDOVA, D.

Importance of certain turbidity and flocculation tests for diagnosis of infectious hepatitis. *Gas.lek.cesk.* 91 no.14:432-435 4 Apr 52.

1. Z I. kliniky pro choroby vnitřní, přednosta prof. dr. M. Netoušek; z odd. pro epidemické zvláštnosti v Masarykových domovech v Kroc a z ústředních biochemických laboratorí, přednosta, prof. dr. Jaroslav Horejší.

(HEPATITIS, INFECTIOUS,
flocculation & turbidity tests, evaluation)

CHARVAT, Josef; BELOHRADSKY, Karel

Successful therapy of Paget's disease of the bone. Cas.lek.cesk.
91 no.45-46:1303-1307 14 Nov 52.

1. Z III. interni kliniky, prednosta prof. dr. Josef Charvat, a
s centralnich laborateri, prednosta prof. dr. Jaroslav Herejsi,
Statni fakultni nemocnice v Praze.

(OSTEITIS DEFORMANS, therapy,
ACTH)

(ACTH, therapeutic use,
osteitis deformans)

BELOHRADSKÝ J. A. A. A.

Clinical significance of pathological 17-keto steroid values. MD
Karel Belohradský (Státní lékařská nemocnice I, Prague).
Časopis lékařů českých 64, 650-62 (1955). -- 17-Keto steroid
levels and their diagnostic applicability in the following
states are discussed: adrenal tumors, adrenal hyperplasia,
interstitial cell tumors of testes, ovarian tumors, acromegaly,
pituitary and adrenal insufficiency, hypogonadism, dia-
betes, hyper- and hypothyroidism, and liver diseases.
J. M. Hols

BELOHRADSKY, V.

"New Type of Crane for Construction of Pre-fabricated Houses."

SO: Mechanisace, Czechoslovakia, Vol 3, No 1,
Jan 1954, (Af-617422, 12 Apr 1954)

BELOHUBY, J.: KOPACKA, F.

"Our inquiry."

P. 5. (Ministerstvo zemědělství —Praha, Czechoslovakia.) Vol. 8, no. 1, Jan. 1958.

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

SEROPIAN, E., dr., candidat in stiinte medicale; GRECEANU, I., dr.
BELOIU, D., dr. (Bucuresti)

Criteria for evaluation of diagnostic methods for determining
the etiology of some respiratory allergies. Med. intern.
(Bucur.) 16 no.12:1465-1470 D '64

1. Lucrare efectuata in Serviciul de boli alergice, spitalul
"Dr. C. Davilla".

SEROPIAN, E., dr.; BELOIU, D., dr.; GRECEANU, I., dr.

Exo-allergy to a posterior pituitary hormone preparation in cases of diabetes insipidus. Med. intern. (Bucur.) 16 no.12: 1489-1492 D '64

1. Lucrare efectuata in Serviciul de boli alergice, Spitalul "Dr.C.Davilla", Bucuresti.

SEROPIAN, E.; GRECEANU, I.; BELOIU, D.

Criteria for appraising the value of diagnostic methods used
for determining the etiology of respiratory allergoses. Ruma-
nian med. rev. 19 no.3:29-33 J1-S '65.

BELOIU, Elena, asistenta (Bucuresti)

Approximation of an equation root. Gaz mat fiz 15 no.10:
512-519 0 '63.

BELOIU, H.

Influence of the gear angle of the piston reference gear on gearing characteristics.
Metallurgy and Machine Construction, #3:20:Mar. 55

BALDOVIN-AGAPI, Corălia, dr.; FRANCHE, Maria, prof.; BELOIU, Irina, dr.;
MICU, I., dr.; OVANESCU, A., dr.; ANDRONOVICI, G., dr.; BRAUNER, E.,
~~dr.~~; RADULESCU, A., dr.; DIMITRIU, St., dr.; DIMITRIU, A., dr.;
RUGINA, N., dr.; BLINDU, P., dr.

Receptivity to scarlet fever assessed by Dick's reaction with
fractional doses of purified toxin. Microbiologia (Bucur) 6
no. 1:69-76 Ja-F '62.

1. Institutul "Dr. I. Cantacuzino" si Spitalul "Izolarea" din
Iasi.

BELOIU, Irina, dr.; PLECEAS, Paula, dr.; ZAMFIRESCU, M., dr.

Streptococcal and pneumococcal infections in monkeys. Microbiology (Bucur) 10 no.1:11-17 Ja-F'65.

1. Lucrare efectuata in Institutul de microbiologie parazitologie si epidemiologie "Dr. I. Cantacuzino", Bucuresti, Sectia "Coci patogeni" (for Beloiu, Pleceas), Sectia "Poliomielita" (for Zamfirescu).

COMBIESCU, D.; ZARNEA, G.; ~~BELOIU~~ Irina.; DINCULESCU, M.

Study of a pathogenic agent isolated from guinea pigs inoculated with blood from a subject of an unidentified febrile disease. A new disease? Stud. cercet. inframicrobiol., Bucur. 6 no.1-2: 199-213 Jan-June 55.

1. Institutul de epidemiologie si microbiologie Dr. I. Cantacuzino si Laboratorul Catedrei de epidemiologie din Institutul de perfectionare si specializare a medicilor si farmacistilor.

(FEVER

unidentified febrile dis., virol.)

(VIRUS DISEASES

unidentified febrile dis.)

BALDOVIN-AGAPI, Coralia; BELOIU, Irina; CAFFE, Ileana; PLECEAS, Paula

The species of non-hemolytic streptococci found in subacute endocarditis and their sensitivity to antibiotics. Arch. Roum. path. exp. microbiol. 20 no.3:479-489 S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service des Cocci pathogenes.

(ENDOCARDITIS, SUBACUTE BACTERIAL microbiology)
(STREPTOCOCCUS pharmacology) (ANTIBIOTICS pharmacology)

ROMANIA

Dr Irina BELOIU and Dr Paula PLECEAS, Section for Pathogenic Cocci,
~~Institute~~ (Secția coci patogeni, Institutul) "Dr. I. Cantacuzino, Bucharest

"Value of the Optochin Test in Pneumococcal Diagnosis."

Bucharest, Microbiologia, Parazitologie, Epidemiologia, Vol 7, No 6,
Nov-Dec 1962; pp 557-560.

Abstract: Description of method to differentiate pneumococci from other gram-positive cocci by verifying the extreme sensitivity of the former to the quinine derivative ethylhydrocupreine. Instead of aqueous solution as practiced by the Germans they use starch mixture which is more convenient to prepare and preserve (for 9 months) and gives very accurate results (as seen in results with 166 coccal strains so differentiated. Table, photograph of pin culture; 3 Western and 1 Rumanian reference.

1/1

BARBER, Cella; BALDOVIN-AGAPI, Coralia; BELOIU, Irina; PLECEAS, Paula

Contribution to the study of the antigenic structure of non-hemolytic streptococci. III. The antigens of the group "D" streptococci (enterococci). Arch. roum. path. exp. microbiol. 21 no.1:115-129
Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Services de Biochemie
et des Cocci pathogenes.
(STREPTOCOCCUS) (ANTIGENS)

BALDOVIN-AGAPI, Coralia; BALTEANU, Ecaterina; MIHALCO, Florica; BELOIU,
Irina; PLECEAS, Paula

Phage-bacteria systems in streptococci of the Lancefield group D.
Arch. roum. path. exp. microbiol. 21 no.2;385-391 '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" -- Centre National de
Bacteriophages -- Reference et de l'Institut d'Hygiene de Fassy.
(STREPTOCOCCUS) (BACTERIOPHAGE)

BELOIU, Irina, Dr, and CAFFE, Ileana, Dr. Work performed at the Pathogenic Cocci Section (Sectia Coci Patogeni) of the "Dr I. Cantacuzino" Institute (Institutul Dr I. Cantacuzino").

"The Cultivation of Non-Haemolytic Pneumococci and Streptococci in TSIEM Glucose Broth."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 3, May-Jun 63, pp 267-270.

Abstract [Authors' English summary modified]: The TSIEM medium is a 2 percent glucose peptide digestion broth with a high nutritive value. Five and 18-hour cultures of pneumococci and streptococci on TSIEM medium showed 2 to 10 times higher concentrations than were obtained with the commonly recommended media (serum, Truche or glucose broth). The use of TSIEM broth is recommended for the culture of pneumococci, streptococcus viridans, and enterococci. Includes 2 tables and 8 references, of which 4 Western, 1 Russian and 3 Rumanian.

RUMANIA

BALDOVIN-AGAPI, Coralia, Dr, IENISTEA, C., Dr, BELOIU, Irina, Dr, and PLECEAS, Paula, Dr. Work performed at the "Dr I. Cantacuzino" Institute (Institutul "Dr I. Cantacuzino" and the Institute of Hygiene of the Rumanian People's Republic (Institutul de Igiena RPR).

"Considerations on the Presence of Streptococci in Animal Foodstuffs."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 5, Sep-Oct 63, pp 437-444.

Abstract [Authors' English summary modified]: 130 foodstuffs of animal origin were studied and 110 strains of streptococci were isolated from them, including 90 enterococcus strains and 20 strains of streptococcus viridans. It was noted that enterococci permit a better appraisal of contamination of faecal origin during the technological process and preservation of the foodstuffs; they were isolated from frozen foods even when all other sanitary indicators were absent.

Includes 2 tables and 21 references, of which 13 American, 4 German and 5 Rumanian.

1/1

BELOIU, Irina; PLECEAS, Paula

Application of a new method of extraction of the group antigen from enterococci. Arch. roum. path. exp. microbiol. 23 no.3:557-562 S'63.

1. Travail de l'Institut "Dr.I. Cantacuzino"; Service de Cocci pathogenes, Bucarest.

BELOIU, I.; PETRESCU, A.

Banking credit in support of small mechanization, modernization,
and improvement of production technology. Probleme econ 17 no.2:
113-119 F '64.

BALDOVIN-AGAPI, Coralia, dr.; IENISTA, C.dr.; HELOIU, Irina, dr.; PLECEAS, Paula,

Considerations on the presence of streptococci in food products of animal origin. Microbiologia (Bucur) 8 no.5:437-444 S-0'63

1. Lucrare efectuata in Institutul "Dr.I.Cantacuzino" si Institutul de Igiena R.P.R.

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L 13062-66 EWA(1)/T/EWA(b)-2 JK

ACC NR: AP6005724

SOURCE CODE: RU/0023/65/010/001/0011/0017

AUTHOR: Beloiu, Irina--Beloyu, I. (Doctor); Pleceas, Paula--Plecheash, P. (Doctor); Zamfirescu, M.--Zamfiresku, M. (Doctor) 30

ORG: Dr. I. Cantacuzino Institute of Microbiology, Parasitology, and Epidemiology, Bucharest (Institutul de microbiologie, parazitologie si epidemiologie Dr. I. Cantacuzino) 6.44.5

TITLE: Streptococcal and pneumococcal infections in monkeys

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 11-17

TOPIC TAGS: experiment animal, vaccine, bacterial disease, bacteriophage, respiratory system disease

ABSTRACT:

The authors review the pertinent literature and report their own findings in a group of 44 monkeys used in polio vaccine production, of which 33 were sick and 11 normal. In the normal monkeys the authors found enterococci and streptococcus viridans as well as many enterococcal bacteriophages; in the blood of 6 of the sick monkeys they found streptococci of the A group, C group and Str. faecalis var. zymogenes, while the other sick monkeys displayed various types of pneumococcal infections from which 23 strains of pneumococci were isolated. The septicaemic type prevailed (63 percent). [JPRS]

SUB CODE: 06 / SUBM DATE: 21Jul64 / OTH REF: 022

Card 1/1

UDC: 616-022.712.14-092.9

BELOIU, Irina, dr.; PLECEAS, Paula, dr.; TEODORESCU, G. chimist

Contribution to the composition of the Slanetz selective medium
used for the isolation of enterococci. Microbiologia (Bucur) 9
no.6:553-556 N-D '64

1. Lucrare efectuata in Institutul de microbiologie, parazitologie si epidemiologie "Dr.I. Cantacuzino", Bucuresti.

BELOIU, M.

Series of moduli for gears. p.20. (STANDARDIZAREA, Bucuresti, Vol. 7, No. 3, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

BELOIU, H.

New rack for gear systems. p. 13.

STANDARDIZAREA, Bucuresti, Vol. 7, no. 6, June 1955.

SO: Monthly list of East European Accessions, (E-EAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BELOIU, M.

BELOIU, M. Calculation of the length of cone belts. p. 1. Vol. 7, no. 11,
Nov. 1955. INDUSTRIA TEXTILA. Bucaresti, Rumania,

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956

BELOIU, S.

PANDELE, A.; RUSSU, O.; BELOIU, S.; MIHAILESCU, C.; MIHAILESCU, M.

Investigations on the histamine test & the determination of vitamin C in the study of the prophylaxis of fetal anoxia & of intracranial obstetrical trauma. Rumanian M. Rev. 1 no.4:85-86 Oct-Dec 57.

(ASPHYXIA NEONATORUM, compl.

brain damage, maternal histamine skin test & vitamin C determ. in blood in prev.)

(BRAIN, dis.

damage in asphyxia neonatorum, maternal histamine skin tests & vitamin C determ. in blood in prev.)

(HISTAMINE

maternal skin tests in prev. of asphyxia neonatorum with brain damage)

(VITAMIN C, in blood

maternal blood determ. in prev. of asphyxia neonatorum with brain damage)

L 27711-66 EWP(e)/EWT(m) WH

ACC NR: AP6015351 (N)

SOURCE: CODE: UR/0226/66/000/005/0041/0048

AUTHOR: Beloivan, A. F.; Isakhanov, G. V.; Radomysel'skiy, I. D.; Shcherban', N. I.

ORG: Institute of Material Study, AN UkrSSR (Institut problem materialovedeniya AN UkrSSR)

TITLE: Mechanical properties of sintered metal-glass material 15

SOURCE: Poroshkovaya metallurgiya, no. 5, 1966, 41-48

TOPIC TAGS: composite material, metal glass material, sintered material, material property

ABSTRACT: The mechanical properties of sintered metal-glass materials made of PZh-2M (GOST9849-61) iron powder mixed with 0.5, 1.0, 2.0, 3.0, 5.0, 7.0, or 12% glass have been investigated. Green compacts obtained under 52 kg/mm² pressure were sintered at 600—1200C for 1—2 hr. The strength of sintered material was found to depend primarily on the strength of the metal framework. However, glass intensifies the sintering and shrinkage, increases the density, and thus improves the mechanical properties of the metal-glass composites. The strength of the metal framework depends upon the diffusion of particles forming the framework. An increase in the sintering temperature up to 850C intensifies the shrinkage and, as a result, the material strength. At 900—1050C, the shrinkage and the strength decrease to a

Card 1/2

L 27711-66

ACC NR: AP6015351

minimum, which is explained by the α -to- γ transformation. With a further increase in sintering temperature, the shrinkage and the strength increase again. Orig. art. has: 7 figures and 6 formulas. [ND]

SUB CODE: 11/ SUBM DATE: 29Nov65/ ORIG REF: 006/ OTH REF: 001/ ATD PRESS:

5001

Card 2/2

BELOKHONOV, I. V.

23444 ^{Растения, плоды, плоды} О РАЗМЕЩЕНИИ ФИГОВЫХ РАСТЕНИЙ В САДУ. САД I СССР, 1949, №. 7, с. 3-11

SO: LETOPIS NO. 31, 1949

BELOKHONOV, I.V.

Neizvestno *Prilozhenie* *Rezhim* *Prilozhenie* *Prilozhenie*
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VINOGRA DARSTVU. (STAT'I): F.F.KIRILLOV. OBESPECHIT' USPESHNOYE RAZVITIYE
VINOGRA DARSTVA V SEVERNOY ZONE. -- I.V. BELOKHONOV. RAZRABOTAT' NOVIYE
PRIYEMY AGROTEKHNIKI DLYO SEVERNOGO VINOGRA DARSTVA. VINODELIYE I
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SO: IETOPIS NO. 31, 1949

BELOKHONOV, I. V.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prize for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Belokhonov, I. V.	"Varieties of Fruit and Berry Crops"	Central Genetic Fruit and Berry Laboratory imeni I. V. Michurin

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SO: Monthly List of Russian Accessions, Vol. 7, No. 6, Sep. 1954

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Moskva, Sel'khozgiz, 1955.

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ptitse-vodstva.
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KURYNDIN, Ivan Ivanovich; MALINKOVSKIY, V.V.; VEN'YAMINOV, A.N.; BELOKHONOV,
I.V.; KRAVCHENKO, Z.I., redaktor; PEVZNER, V.I., tekhnicheskii redaktor

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LYSYUK, Ye.; KHARITONOVA, Ye.; KUSHNIRENKO, M.; NOVOPAVLOVSKAYA, N.;
ZHIRONKIN, I.; KATSURA, O.; KIRYUKHIN, I.; NIKITIN, B.; TSVETAYEVA, Z.;
ARKHIPOV, B.; OSTAPENKO, V.; IVANOV, V.; BUTUZOV, V.; LUTKOVA, I.;
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nauk; NOVIKOV, A.A., kand.sel'skokhoz.nauk; STEPANOV, S.N.,
kand.sel'skokhoz.nauk; CHIGRIN, V.N., kand.sel'skokhoz.nauk;
OZEROV, V.N., red.; DEYEVA, V.M., tekhn.red.

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lit-ry, 1960. 334 p. (MIRA 14:1)

1. Nauchno-issledovatel'skiy institut sadovodstva imeni I.V.
Michurina (for Belokhonov, Lobanov, Novikov, Stepanov, Chigrin).
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BELOKHVOSTIK, Ye., inzh.

Protective dust removing hood. Okhr.truda i sots.strakh. 4
no.7:33-34 JI '61.

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BELOKHVOSTIKOV, I.I.

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of sunflower oilseeds. Izv.vys.ucheb.zav.; pishch.tekh. no.3:7-12
162. (MIRA 15:7)

1. Krasnodarskiy institut pishchevoy promyshlennosti, kafedra
ekonomiki i organizatsii proizvodstva.
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BELOKHVOSTIKOVA, V. I. - nauchn. sotr. i, SLOBODYANIK, I. YA. - Kand. tekhn. nauk.

Institut stroitel'nykh materialov Akademii arkhitektury USSR

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1. Nauchno-issledovatel'skiy institut stroitel'nykh materialov
Akademii arkhitektury USSR.
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ANTONOV, V. Ya., VLASOV, V. M., KRIVONOSOV, V. S., BELOKHVOSTOV, A. G. and
SKVORTSOV, V. S.

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skoe knizhnoe izd-vo, 1962. 14 p. (MIRA 16:3)
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BELOKHVOSTIKOVA, Valentina Ivanovna, kand. tekhn. nauk;
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USSR/Medicine - Dysentery
Garlic, Properties

Apr 49

"Use of Garlic for Treating Chronic Dysentery,"
S. D. Belokhvostov, Tomsk Inst of Epidemiol and
Microbiol, 14 pp

"Sov Med" No 4

A preparation of garlic-sativin, manufactured
in Tomsk Inst of Epidemiol and Microbiol, had
a positive therapeutic effect on chronic dys-
entery. Sativin therapy merits a very wide
application in conjunction with all other methods
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Prof S. P. Karpov.

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BELOKHVOSTOV, S. D.

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17(2,12)

SOV/16-59-6-15/46

AUTHORS: Ivashkevich, P.A., Belokhvostov, S.D. and Voronin, Yu.S.

TITLE: Electron Microscopic Study of the Morphological Changes in STI Anthrax Vaccine Spores Under the Influence of Certain Disinfectants

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 74-78 (USSR)

ABSTRACT: Using a Soviet EM-3, 1949 model, electron microscope with a magnification factor of 5,000 X and an accelerating voltage of 40 kv, the authors studied the morphological changes which occur in the spores of live STI anthrax vaccine under the action of aqueous solutions of formaldehyde, monochloramine, diocide and a mixture of 17% formaldehyde in water and 10% monochloramine (Disinfectant mixture Nr 2). Formaldehyde was found to produce no visible changes in the spores. The chlorous preparations, however, caused swelling and a decrease in the electron-optical density of the spore membranes. This, according to A.Ye. Kriss and V.I. Biryuzova, is evidence of a profound biochemical reconstruction in the spores connected with disintegration of the high-molecular compounds and their transformation into low-molecular ones. D.V. Nayzi and V.I. Vashkov have pointed out that the greater resistance of spores, compared to the

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SOV/16-59-6-15/46

Electron Microscopic Study of the Morphological Changes in STI Anthrax Vaccine Spores
Under the Influence of Certain Disinfectants

vegetative forms of microbes, is due to their possessing a strong impermeable membrane. The strong sporicidal action of disinfectant mixture Nr 2, then, may be due to rapid penetration of the formaldehyde into the spores due to rarefaction and increased permeability of their membranes because of the action of the monochloramine.

SUBMITTED: December 14, 1958

Card 2/2

17(2,12)

SOV/16-59-6-16/46

AUTHORS: I'vashkevich, P.A., Belokhvostov, S.D. and Rozhkov, G.I.

TITLE: The Morphological Features of STI Anthrax Vaccine Spores and Their Resistance to Certain Disinfectants

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6, pp 78-81 (USSR)

ABSTRACT: I.Ye. Minkevich, V.I. Vashkov, etc. believe that the membrane of a Bacillus anthracis spore consists of two layers. Kneysi maintains that the membranes of spores from different strains of the same species may consist of a differing number of layers. N.K. Vereninova noted that, in growing, some Bacillus anthracis spores shed a layer, while others do not. The present authors studied Bacillus anthracis spores under an EM-3 electron microscope with a magnification factor of 5,000-1,000 and an accelerating voltage of up to 50 kv. The studies revealed three types of spores. Type I were oval, regular with a smooth surface, type II diverged from a true oval and had a rough, wrinkled surface. In type III this process had gone still further, leaving the spores with a very rough surface composed of marked prominences and distinct polymorphic features. The resistance of all three types to the following disinfectants

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SOV/16-59-6-16/46

The Morphological Features of STI Anthrax Vaccine Spores and Their Resistance to Certain Disinfectants

was tested: formalin, monochloramine, diocide and a mixture of 17% formaldehyde in water plus 10% monochloramine. A definite correlation was noted between the morphological features of the spores and their resistance to the disinfectants: the smooth-surfaced spores being least resistant, Type III most resistant, with Type II spores in an intermediate position. The authors conclude that this difference in resistance may be explained by the hypothesis that the rough-surfaced spores have, in fact, one more layer to their membrane than the smooth ones and that this causes their increased resistance to disinfectants. There are: 6 photos, 1 table and 15 references, 11 of which are Soviet, 3 German and 1 Italian.

SUBMITTED: April 16, 1958

Card 2/2

KOROVIN, F.T.; BELOKHVOSTOV, S.D.; SUVOROV, V.S.; YURCHENKO, M.M.; SYTNIK, V.A.

Room disinfection by means of chemical sublimation of formaldehyde
and chlorine. Voen.-med. zhur. no.6:49-51 Je '61. (MIRA 14:8)
(DISINFECTION AND DISINFECTANT) (FORMALDEHYDE)
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KRAAK, E.; GUL'YEV, P.K.; LEBEDINSKIY, I.S., assistant; BELOKHVOSTOV, S.D.; PASYUKOV, V.M.; RYABUSHKIN, E.V.; SUVOROV, V.S.; BOCHAROV, A.P.

Sanitation, veterinary hygiene, and disinfection. Veterinaria
38 no.7:75-79 J1 '61. (MIRA 16:6)

1. Institut pitaniya Potsdam-Rebryuke, Germanskaya Demokrati-
cheskaya Respublika (for Kraak). 2. Direktor Chuvashskoy
respublikanskoy veterinarno-bakteriologicheskoy laboratorii
(for Gul'yev). 3. Khar'kovskiy zooveterinarnyy institut (for
Lebedinskiy).

(Veterinary hygiene)

PELOKHVOSTOV, S. D., DASYUKOV, V. M., RYABUSHKIN, K. V., SUVOROV, V. S.,
AND BOCHAROV, A. P.,

ON the disinfection of the environment against anthrax spores

Veterinariya vol. 38, no. 7, July 1961 p. 78.

BELOKHVOSTOV, S.D.

Bactericidal aerosols and prospects of their use for disinfection in the armed forces. Voen.-med. zhur. no.8:57-62'62.

(MIRA 16:9)

(AEROSOLS) (DISINFECTION AND DISINFECTANTS)

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"Disinfection of Neutral Fumes" - p. 49

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Morphological changes in the spores of STI under the influence of
some fumigants. Zhur.mikrobiol., epid. i immun. 33 no.3:82-86 Mr '62,
(BACILLUS ANTHRACIS) (FUMIGATION) (MIRA 15:4)

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(Antimissile missiles)

BELOKHVOSTRIKOVA, V.I.:

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Ja '64. (IRA 17:3)

1. Glavnyy inzh. Perevolotskogo khlebopriyemnogo punkta Orenburgs-
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Productivity of a mobile bin. Muk.-elev. prom. 29 no.11:28
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(MIRA 17:21)

1. Glavnyy inzh. Perevolotskogo khlebopriyemnogo punkta Orenburgskoy oblasti (for Beloklov). 2. Starshiy master Perevolotskogo khlebopriyemnogo punkta Orenburgskoy oblasti (for Surayev).

BELOKOBYL'SKIY, Iv. [Bilokobyl's'kyi, Iv.]; ANISENKO, Il. [Anysenko, Il.]

New orchards have covered our steppes. Nauka i zhyttia
10 no.7:31 J1 '60. (MIRA 13:7)
(Crimea—Fruit culture)

BELOKOBYLENKO, V.T.

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Trudy Inst. zool. AN Kazakh. SSR 14:190-192 '60. (MIRA 13:12)
(Alma-Ata Province—Worms, Intestinal and parasitic)
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BABIY, L.T., kand. sel'khoz. nauk; STOLLYAR, T.A., kand. sel'khoz. nauk; ASANOV, P.M., assistant; SEL'YANSKIY, V.M., kand. sel'khoz. nauk; LOBIN, N.V., kand. sel'khoz. nauk; KOVIN'KO, D.A., kand. biol. nauk; MASLIYEVA, O.I., kand. sel'khoz. nauk; PETROV, V.M., kand. veter. nauk; ANAN'YEV, P.K., kand. veter. nauk; PENIONZHKEVICH, E.E., doktor biol. nauk, prof.; SERGEYEVA, A.M., kand. sel'khoz. nauk; BALANINA, O.V., kand. sel'khoz. nauk; GRIGOR'YEV, G.K., st. nauchnyy sotr.; KRIKUN, A.A., Geroy Sotsialisticheskogo Truda, kand. sel'khoz. nauk; YAROVY, P.F., kand. veter. nauk; BELOKOBYLENKO, V.T., nauchnyy sotr.; GROMOV, A.M., kand. sel'khoz. nauk; MOSIYASH, S., red.; NAGIBIN, P., tekhn. red.

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zool. AN Kazakh. SSR 22:61-73 '64.

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LEVICH, V.G.; KHAYKIN, B.I.; BELOKOLOS, Ye.D.

Establishment of the adsorption equilibrium on flat and dropping electrodes and the irreversible electrochemical conversion of adsorbed substances. *Elektrokhimiya* 1 no.10:1273-1279 0 '65.

(MIRA 18:10)

1. Institut elektrokhemii AN SSSR.

ERCHLER, A.B.; BELOKOLOS, Ye.D.; TEDORADZE, G.A.

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